

WHAT IS CLAIMED IS:

1. A recording method comprising:

providing a recording head which projects a plurality of recording spots on a recording medium; and

5        recording, by said projected recording spots, a plurality of colors on the recording medium in both a main scanning direction and a sub-scanning direction perpendicular to said main scanning direction,

wherein said recording step includes offsetting, either upstream or downstream, in the sub-scanning direction, a start position for recording  
10        one of at least two colors in the sub-scanning direction, and

further wherein an amount of the offset is within the range from one spot to the number defined such that total number of spots in the sub-scanning direction subtracts one spot.

15        2. A recording method comprising:

providing a recording head which projects a plurality of recording spots on a recording medium; and

recording, by said projected recording spots, a plurality of colors on the recording medium in both a main scanning direction and a sub-scanning  
20        direction perpendicular to said main scanning direction, wherein said plurality of colors to be recorded are four colors black, cayenne, magenta, and yellow,

wherein said step of recording includes offsetting, either upstream or downstream in the sub-scanning direction, a start position of each color,  
25        for recording by said recording head in the sub-scanning direction, is

different from one another within a range from one spot to a number defined such that total number of spots in the sub-scanning direction subtracts one spot.

5           3. The recording method as claimed in claim 2, wherein a start position for recording a first one of said plurality of colors is offset substantially by one spot, a start position for recording a second one of said plurality of colors is offset substantially by two spots, and a start position for recording a third one of said plurality of colors is offset substantially by  
10 three spots.

          4. The recording method as claimed in any one of claims 1 to 3, wherein said step of recording includes offsetting the projected spots, in correspondence with image data to be projected in the sub-scanning direction, by same amount in an opposite direction of the  
15 respective start position which is offset either downstream or upstream in the sub-scanning direction.

          5. A recording apparatus comprising:

20           a recording head having a plurality of recording elements arranged in a two-dimensional pattern having both a main scanning direction and an sub-scanning direction perpendicular to said main scanning direction, said recording head being configured to record a plurality of colors on a recording medium with spots that key image information to the respective recording  
25 elements; and

a controller which controls said recording head so as to implement the recording method recited in claim 1.

6. A recording apparatus comprising:

5 a recording head having a plurality of recording elements arranged in a two-dimensional pattern having both a main scanning direction and an sub-scanning direction perpendicular to said main scanning direction, said recording head being configured to record a plurality of colors on a recording medium with spots that key image information to the respective recording  
10 elements; and

a controller which controls said recording head so as to implement the recording method recited in claim 2.

7. A recording apparatus comprising:

15 a recording head having a plurality of recording elements arranged in a two-dimensional pattern having both a main scanning direction and an sub-scanning direction perpendicular to said main scanning direction, said recording head being configured to record a plurality of colors on a recording medium with spots that key image information to the respective recording  
20 elements; and

a controller which controls said recording head so as to implement the recording method recited in claim 3.

8. A recording apparatus comprising:

25 a recording head having a plurality of recording elements arranged

in a two-dimensional pattern having both a main scanning direction and an sub-scanning direction perpendicular to said main scanning direction, said recording head being configured to record a plurality of colors on a recording medium with spots that key image information to the respective recording  
5 elements; and

a controller which controls said recording head so as to implement the recording method recited in claim 4.